# EVGA X99 FTW

PART NUMBER: **150-HE-E997**

## INTRO

The EVGA X99 FTW was engineered from the ground up to win. A highly efficient 8-phase Digital VRM providing the cleanest power to the CPU possible, fed through a CPU socket that has 1.5X the amount of gold content. A total of 8 DIMM slots support up to 128GB of DDR4 memory, and a 4 layer memory T-routing design allows for extreme memory speeds such as 3000MHz+ (OC)**. The PCI-E layout is optimized for improved lane distribution and better performance, and with native support for NVIDIA 4-Way SLI®, this is the ultimate platform for the performance user.

A great amount of detail was also paid attention to the onboard devices, including a total of 10 native SATA 6.0Gb/s ports, Dual Intel Gigabit Networks, native USB 3.0 support, and 8 Channel HD Audio with Optical.

Of course, no great motherboard can truly flex its muscles without a great BIOS. The EVGA X99 FTW uses EVGA's new GUI BIOS that focuses on the best overclocking support and functionality. Straight and to the point, the way a modern BIOS should be.

## KEY SPECS

- Supports Intel® Core™ i7 Processor family for LGA-2011-3 socket
- Intel® X99 Chipset
- Enthusiast Layout Supporting 2-Way SLI®, 3-Way SLI®, 4-Way SLI® & CrossfireX™
- 8 DIMM Quad-Channel DDR4 3000MHz+** (Up To 128GB)
- PCI Express® 3.0 Ready
- 5 PCI Express® Graphics Expansion Slots
- 1 PCI Express® x4 slot
- 8 USB 2.0 Ports (six rear panel, two onboard)
- 6 USB 3.0 Ports (four rear panel, two onboard)
- 6 SATA III/6G RAID Ports
- 4 SATA III/6G AHCI Ports
- 2 Intel Gigabit Ethernet Ports (10/100/1000)
- 8 Channel High Definition Audio + Optical
- E-ATX Form Factor

## DESIGN DETAILS

**Supported CPUs -** Intel® Core™ i7 Socket 2011-3
**Socket Type -** LGA2011-3

**PCH -** Intel® X99

**DIMM QTY -** 8 DIMM Slots
**Memory Type -** DDR4 Up to 3000MHz+**
**Memory Capacity -** 128GB

**SATA III 6.0Gb/s Ports/Controller -** 4 / X99 PCH AHCI
**SATA III 6.0Gb/s Ports/Controller -** 6 / X99 PCH RAID
**RAID Support -** RAID 0, 1, 5, 10, JBOD

**USB 2.0 Ports/Controller -** 8 / Intel® X99 PCH
**USB 3.0 Ports/Controller -** 6 / Intel® X99 PCH

*PCI-E lane distribution listed REQUIRES a 40 lane CPU.

**Network Speed -** 10/100/1000
**Network Ports/Controller -** 2 / Intel® i217/i210

**Audio -** 8 Channel HD Audio
**Audio Controller -** Realtek (ALC1150)

**PCI-E Slot Arrangement -** 1x16, 2x16, 3x8 or 4x8*
**PCI-E x16 Mechanical Slots -** 5
**PCI-E x4 Slots -** 1

**BIOS Type -** AMI / UEFI
**Software -** EVGA E-LEET Tuning Utility

**Fan Headers -** 7

**2800MHz and 3000MHz modules are officially supported in latest BIOS update.

### DIMENSIONS

- Width: 10.375n – 264mm
- Length: 12in – 305mm
- Form Factor: E-ATX

### ACCESSORIES

- EVGA Driver Installation Disc with EVGA E-LEET
- Rear Case I/O Panel
- Rear Case I/O Cover
- 1 Probelt Cable
- 6 SATA 6G Data Cables
- 2-way SLI Bridge
- 3-way SLI Bridge
- Manual

### PRODUCT WARRANTY

This product is covered under EVGA's 3 year warranty which covers parts and labor.
Further warranty extension is available upon registration within 30 days of purchase.
For more details please visit **www.evga.com/warranty**

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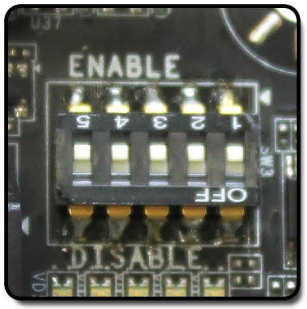
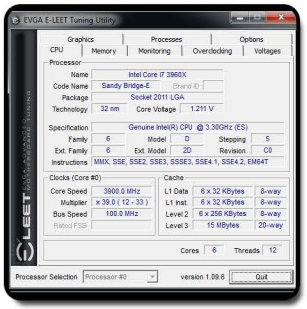
PART NUMBER: **150-HE-E997** FEATURES

### BRAND NEW GUI BIOS INTERFACE
Focused on functionality

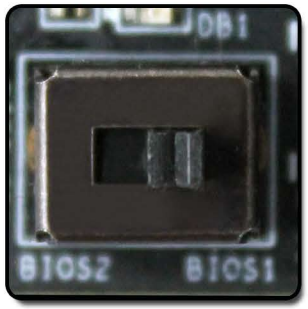
### PCI-E DISABLE SWITCH
Quickly and easily troubleshoot!



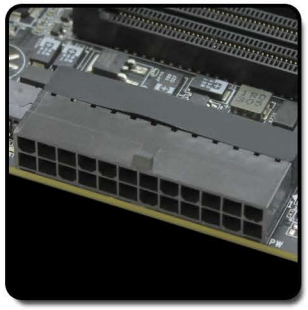

### E-LEET TUNING UTILITY
Adjust your overclocking in O.S.



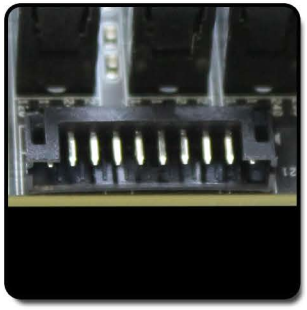

### DOUBLE BIOS SUPPORT
Use 2 separate profiles!



### RIGHT ANGLED 24 PIN
Improved cable management



### EZ VOLTAGE READ POINTS
Easy read dedicated read points

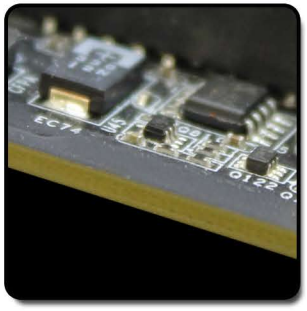


### ONBOARD CPU TEMP MONITOR
Monitor CPU temps quickly & easily

### PASSIVE CHIPSET HEATSINK
No fans, lower noise, longer lifespan

### 8 PHASE PWM
Cleanest variable power switching

### 8 LAYER PCB
Improved overclock stability and PCB cooling



### HIGHER GOLD CONTENT
Lower inductance, better power delivery!

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